

Patent Claims

CLAIM

1. A device for transdermally exerting a defined pressure on subcutaneous tissue, especially where cellulite is present, wherein said device is intended to produce a jet pressure in the range of <sup>10-30 Kg Per CM<sup>2</sup></sup> ~~1 to 20 bar~~, so that no mechanical contact is necessary between the device and the skin, and said device has at least one nozzle for a fluid medium.

2. The device as claimed in claim 1, wherein the jet width and/or the jet pressure can be regulated.

3. The device as claimed in claim 1 ~~or 2~~, wherein said ~~device is intended for a fluid medium preferably comprising~~ air or water.

4. The device as claimed in <sup>Claim 1</sup> ~~one of the preceding claims~~, wherein said device ~~is intended to produce~~ a pulsating jet pressure.

5. The device as claimed in <sup>Claim 1</sup> ~~one of the preceding claims~~, wherein said device has means for controlling the temperature of the fluid medium.

6. A cosmetic method for smoothing out cellulite, wherein <sup>a defined</sup> regional, especially sub-regional, transdermal pressure is exerted on an area of skin to be treated with 1 to 50 kg per cm<sup>2</sup> of skin and, if appropriate, this process is repeated at least once.

7. The method as claimed in claim 6, wherein the pressure is exerted by ~~means of~~ a fluid medium. <sup>the fluid medium is</sup>

8. The method as claimed in claim 7, wherein <sup>air</sup> or water is used as the fluid medium.

9. The method as claimed in ~~one of claims 6 through 8~~, wherein the pressure is exerted without contact with a fixed surface.

10. The method as claimed in claim 6, wherein the pressure is exerted mechanically by ~~means of~~ <sup>pressing</sup> a shaped article ~~being pressed on~~ <sup>the area of skin to be treated</sup>.

11. The method as claimed in claim 10, wherein <sup>the</sup> a shaped article <sup>has</sup> with a diameter of between 1 and 15 cm, preferably between 2 and 5 cm, is used.

12. The method as claimed in claim 10 or 11, wherein the shaped article <sup>comprises a controller</sup> ~~used has a means~~ for controlling the applied pressure.

13. The method as claimed in one of claims 10 through 12, wherein the surface of the shaped article has knob-like raised areas and/or pit-shaped depressions.

14. The method as claimed in ~~one of claims~~ 10 ~~through 13~~, wherein ~~a roller is used as the shaped~~ article. *is a roller*

15. The method as claimed in claim 10, wherein the pressure is exerted mechanically by a plurality of parallel-running wheels of conical cross section.

16. The method as claimed in ~~one of claims~~ 10 through 15, wherein the skin is pre-treated with an agent which increases lubrication, ~~in particular with a massage oil.~~

17. The method as claimed in claim 6, wherein the <sup>pressure is</sup> mechanical pressure <sup>and</sup> is exerted by an vibrating body which has a frequency of between 5 Hz and 20 kHz.

18. The method as claimed in claim 17, wherein the frequency of the vibrating body is regulated in such a way <sup>to produce</sup> ~~that~~ resonance effects ~~occur~~ with ~~the~~ restoring forces of ~~the~~ tissue.

19. The method as claimed in claim 6, wherein the region of the body to be treated is incorporated in elastic or nonelastic material or is covered with this *said material*

20. The method as claimed in claim 19, wherein the material is a piezo foil.

21. The method as claimed in claim 20, wherein a rhythmic compression of the area of skin to be treated is produced by applying an alternating voltage.

22. Use of a device as claimed in one of claims 1 through 5 for treating cellulite.

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